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ATTORNEY DOCKET NO. 10021091-1

MAY 05 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Russell W. Gruhke

Serial No.: 10/789,544

Examiner: Menefee, James A.

Filing Date: February 26, 2004

Group Art Unit: 2828

Title: External Cavity Laser and Method for Selectively Emitting Light Based on Wavelength Using
Aberration-Corrected Focusing Diffractive Optical Element

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☐ Petition to extend time to respond
☐ New fee as calculated below ☐ Supplemental Declaration
☒ No additional fee (Address envelope to "Mail Stop Amendments")
☐ Other: (Fee \$ _____)

| CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY | | | | | | |
|---|--|--|---|---|-------------|---------------------------|
| (1) FOR | (2) CLAIMS REMAINING AFTER AMENDMENT | (3) NUMBER EXTRA | (4) HIGHEST NUMBER PREVIOUSLY PAID FOR | (5) PRESENT EXTRA | (6) RATE | (7) ADDITIONAL FEES |
| TOTAL CLAIMS | 20 | MINUS | 20 | = 0 | X 50 | \$ 0 |
| INDEP. CLAIMS | 3 | MINUS | 3 | = 0 | X 200 | \$ 0 |
| <input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM | | | | | + 380 | \$ 0 |
| EXTENSION FEE | 1 ST MONTH 120.00 <input type="checkbox"/> | 2 ND MONTH 450.00 <input type="checkbox"/> | 3 RD MONTH 1020.00 <input type="checkbox"/> | 4 TH MONTH 1590.00 <input type="checkbox"/> | | \$ 0 |
| OTHER FEES | | | | | | \$ 0 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | | \$ 0 |

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.2 5. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Russell W. Gruhke

By



Thomas H. Ham
Attorney/Agent for Applicant(s)

I hereby certify that this paper is being facsimile
transmitted to the Patent and Trademark Office on
the date shown below:

Date of facsimile: May 5, 2006

Typed Name: Thomas H. Ham

Signature:



Reg. No. 43,654

Date: May 5, 2006

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MAY 05 2006

Attorney Docket No. 10021091-1

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Russell W. Gruhlke

Group Art Unit: 2828

Serial No. 10/789,544

Confirmation No. 9466

Filed: February 26, 2004

Examiner: Menefee, James A.

For: EXTERNAL CAVITY LASER AND METHOD FOR SELECTIVELY
EMITTING LIGHT BASED ON WAVELENGTH USING ABERRATION-
CORRECTED FOCUSING DIFFRACTIVE OPTICAL ELEMENTMail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450AMENDMENT AND RESPONSE TO OFFICE ACTION

Sir/Madam:

In response to the Office Action mailed on February 13, 2006, please amend
the above-identified patent application as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 6 of this paper.

CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. 1.8

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being facsimile transmitted to
the Patent and Trademark Office facsimile number (571) 273-8300 on May 5, 2006.

Number of Pages: 2

Signed: Thomas H. Ham

Typed Name: Thomas H. Ham